

# ABSTRACT

The present invention has an object to provide a composition of metal ion compound whose inherent and unsatisfactory properties for its industrial application such as deliquescence, reducing power, oxidizing power, low solubility in water, etc., have been improved; and their preparations and uses. The present invention solves the above object by providing an associated complex of  $\alpha$ -glycosyl  $\alpha,\alpha$ -trehalose and a metal ion compound, and its preparations and uses.

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